

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 4-11, 13, 16-17, 24, 26, and 30-31 in accordance with the following:

1. (CANCELLED)
2. (CANCELLED)
3. (CANCELLED)
4. (CURRENTLY AMENDED) A display monitor, comprising:
an interface communicating with a smart card containing personal identification information;
a detector detecting a signal through the interface[[:]] determining insertion of the smart card into the display monitor; and
a controller reading the personal identification information via the interface from the smart card, and controlling turning a display of the display monitor on or off, when the insertion of the smart card is detected.
5. (CURRENTLY AMENDED) The ~~system~~ display monitor according to claim 4, wherein the controller further comprises:
a smart card controller, and
a display microcomputer.
6. (CURRENTLY AMENDED) The ~~system~~ display monitor according to claim 5, wherein the smart card controller provides clock signals to the smart card via a connection terminal and resets signals to, and signals from, the smart card via a reset terminal.
7. (CURRENTLY AMENDED) The display monitor of claim 4, wherein the controller

registers personal identification information stored in the smart card or deletes the registered personal identification information.

8. (CURRENTLY AMENDED) The display monitor of claim 7, further comprising a storage unit storing the personal identification information from the smart card during the registering.

9. (CURRENTLY AMENDED) The display monitor of claim 8, wherein during the deleting, the personal identification information is deleted from the storage unit.

10. (CURRENTLY AMENDED) The display monitor of claim 4, wherein the controller turns the display of the display monitor off when the detector does not recognize the presence of the smart card, after a predetermined time.

11. (CURRENTLY AMENDED) A method of turning a display of a display monitor on or off, the display monitor connected to a system, comprising:

- checking the an insertion of a smart card into the display monitor;
- turning a display of the display monitor off when the smart card is not inserted into the display monitor, after a predetermined time;
- reading personal identification information from the smart card when the smart card is inserted into the display monitor;
- turning the display of the display monitor on if the personal identification information correlates to an authenticated user; and
- turning the display of the display monitor off if the personal identification information does not correlate to the authenticated user.

12. (ORIGINAL) The method according to claim 11, further comprising supplying power to the smart card prior to reading information therefrom, when the presence of the smart card is detected.

13. (CURRENTLY AMENDED) The method of claim 11, wherein whether the personal identification information correlates to the authenticated user is determined by checking whether information stored in a storage unit of the display monitor is the same as the personal identification information stored in the smart card.

14. (ORIGINAL) The method of claim 11, further comprising a registering, the registering comprising:
reading of the personal identification information from the smart card and, and
storing information in the storage unit for the authentication of the personal identification information.

15. (ORIGINAL) The method of claim 14, further comprising:
deleting stored personal identification information from the storage unit .

16. (CURRENTLY AMENDED) A method of turning a display of a display monitor on or off, the display monitor ~~that is~~ connected to a system, comprising:
registering information stored in a smart card to a storage unit of the display monitor;
checking the insertion of the smart card into the display monitor through a smart card interface on the monitor; and
turning the display of the display monitor on when the insertion of the smart card is detected and information stored in the smart card is the same as information stored in the storage unit.

17. (CURRENTLY AMENDED) The method of claim 16, further comprising deleting the information from the storage unit of the display monitor.

18. (ORIGINAL) A monitor connected to a system, comprising:
an interface allowing a signal to be input to, and output from, a smart card containing personal identification information;
a detector detecting a signal output through the interface, and determining if the smart card is inserted into, or removed, from the monitor; and
a controller implementing an on-screen display (OSD) region on a screen of the monitor, displaying into the OSD region registration and deletion buttons of the personal identification information and an authentication result from checking the personal identification information, and turning the display of the monitor on or off based on the authentication result, when the detector determines the insertion of the smart card.

19. (ORIGINAL) The monitor of claim 18, further comprising a storage unit storing the

personal identification information read from the smart card during a registering by the controller.

20. (ORIGINAL) The monitor of claim 19, wherein the personal identification information is deleted from the storage unit during a deleting by the controller.

21. (ORIGINAL) The monitor of claim 18, wherein the controller turns off the display of the monitor when the detector transmits to the controller a signal indicating that the smart card is removed from the monitor.

22. (ORIGINAL) A method of managing information, comprising:
detecting insertion of a smart card in a circuit;
supplying power to the detected smart card through the circuit;
reading information from the smart card;
comparing the read information with information stored in a storage unit; and
deleting the information in the storage unit if the information is substantially the same as the read information.

23. (ORIGINAL) A method of managing information, comprising:
detecting an insertion of a smart card in a circuit;
supplying power to the detected smart card through the circuit;
reading information from the smart card and storing the information; and
registering the stored information, wherein the registering is automatically performed by a circuit or manually performed by a user.

24. (CURRENTLY AMENDED) A security apparatus, comprising:
an interface circuit interfacing with a smart card, the interface circuit including a plurality of connection terminals;
a detector circuit detecting the smart card;
a power supplier circuit supplying power to the smart card;
a smart card controller providing signals to the smart card, and reading information from the smart card, through the plurality of connection terminals; and
a display monitor microcomputer receiving an insertion signal from the detector circuit;
and

a storage device storing the read information.

25. (ORIGINAL) The security apparatus according to claim 24, wherein the signals include an input signal, an output signal a clock signal and a reset signal.

26. (CURRENTLY AMENDED) A computer-readable medium encoded with processing instructions implementing a method of turning a display of a display monitor on or off, the method comprising:

checking the insertion of a smart card into the display monitor;

turning a display of the display monitor off when the smart card is not inserted into the display monitor, after a predetermined time;

reading personal identification information from the smart card when the smart card is inserted into the display monitor;

turning the display of the display monitor on if the personal identification information correlates to an authenticated user; and

turning the display of the display monitor off if the personal identification information does not correlate to the authenticated user.

27. (ORIGINAL) The computer-readable medium according to claim 26, wherein whether the personal identification information relates to the authenticated user is determined by checking whether information stored in a storage unit of the display monitor is substantially the same as the personal identification information stored in the smart card.

28. (ORIGINAL) The computer-readable medium according to claim 26, the method further comprising a registering, the registering comprising:

reading of personal identification information from the smart card and, and

storing information in the storage unit for the authentication of personal identification information.

29. (ORIGINAL) The computer-readable medium according to claim 26, further comprising

deleting stored personal identification information from the storage unit.

30. (ORIGINAL) A computer-readable medium encoded with processing instructions

implementing a method of turning a display of a display monitor on or off that is connected to a system, the method comprising:

- registering information stored in a smart card to a storage unit of the display monitor;
- checking the insertion of the smart card into the display monitor through a smart card interface on the display monitor; and
- turning the display of the display monitor on when the insertion of the smart card is detected and information stored in the smart card is substantially the same as information stored in the storage unit.

31. (CURRENTLY AMENDED) The computer-readable medium according to claim 31, the method further comprising deleting the information from the storage unit of the display monitor.